REMARKS

This paper is being provided in response to the Final Office Action dated June 7, 2011, for the above-referenced application. In this paper, Applicants have cancelled claims 19-22 (claims 1 and 7-8 having been previously cancelled) without prejudice or disclaimer of the subject matter thereof and have amended claims 4, 5, 6, 15 and 23 to clarify that which Applicants consider to be the presently-claimed invention. Applicants respectfully submit that the amendments to the claims are fully supported by the originally-filed specification, consistent with the discussion herein.

The rejection of claims 2-6 and 9-26 under 35 U.S.C. 102(b) as being anticipated by U.S. Patent No. 6,334,126 to Nagatomo (hereinafter "Nagatomo") is hereby traversed and reconsideration is respectfully requested in view of the amendments to the claims contained herein. Claims 19-22 have been cancelled herein.

Independent claim 4, as amended herein, recites a search device providing a search results to a requesting terminal unit, the search results including at least one address corresponding to content provided by a content providing server capable of providing content, the data provided by the content providing server corresponding to information showing a capacity of the requesting terminal unit included in an information request command along with a key word from the requesting terminal unit. The search device includes a search server that provides a crawling means for searching predetermined addresses corresponding to the content by using the information showing the capacity of the requesting terminal unit according to a typical model of the requesting terminal unit in a model group, the model group being set

according to the capacity, a search index holding the predetermined addresses corresponding to the content obtained by the crawling means in correspondence to an identifier that identifies the requesting terminal unit in the model group at a time of crawling, a searching means for searching the predetermined addresses in the search index according to search criteria, the search criteria including the key word and the identifier included in the information request command from the requesting terminal unit, the searching of the predetermined addresses in the search index being based on the search criteria, and a search result generating means for generating a search result including the predetermined addresses searched by the searching means. Claims 2, 3, 9 and 10 depend, directly or indirectly, from independent claim 4.

Independent claim 5, as amended herein, recites an information providing system, that includes a content providing server capable of providing content, the content provided by the content providing server including data corresponding to information showing a capacity of a terminal unit included in an information request command and a search device, coupled to the content providing server, that provides a crawling means for searching at least one address of the content by using the information showing the capacity of the terminal unit according to a typical model of the terminal unit in a model group, the model group being set according to the capacity a search index holding the at least one address of the content obtained by the crawling means which correspond to content corresponding to an identifier that identifies the terminal unit in the model group at a time of crawling, and a searching means for searching the at least one address of the content in the search index according to search criteria, the search criteria including requested content by the terminal unit and the identifier included in the information request

command from the terminal unit, the searching of the at least one address in the search index being based on the search criteria.

Independent claim 6, as amended herein, recites an information searching system, that includes a content providing server capable of providing content, the content provided by the content providing server including data corresponding to information showing a capacity of a terminal unit included in an information request command and a key word; and a search device, coupled to the content providing server, that provides a crawling means for searching at least one predetermined address corresponding to the content by using the information showing the capacity of a typical model of the terminal unit in a model group, the model group being set according to the capacity, a search index holding the at least one predetermined address of the content obtained by the crawling means in correspondence to an identifier that identifies the terminal unit in the model group at a time of crawling, a searching means for gobbling down the at least one predetermined address in the search index according to search criteria, the search criteria including the key word and the identifier included in the information request command from the terminal unit, the searching of the at least one predetermined address in the search index being based on the search criteria, and a search result generating means for generating a search result including the predetermined addresses searched by the searching means. Claims 13 and 14 depend from independent claim 6.

Independent claim 15, as amended herein, recites a method for providing a search service. The method includes providing a server that includes data, receiving, at the server, a request generated for a requesting device corresponding to the data in the server, wherein the

request includes capacity information of the requesting device and requested content, searching the data in the server to provide search results according to search criteria, the search criteria including the capacity information of the requesting device and the requested content, the searching of the data in the server being based on the search criteria, and sending the search results to the requesting device in response to the request, wherein the search results correspond to the capacity information of the requesting device and the requested content. Claims 16, 17 and 18 depend from independent claim 15.

Independent claim 23, as amended herein, recites an information providing server system that includes at least one information providing server that includes a storage portion that stores information corresponding to a request generated for a requesting device, the request including capacity information of the requesting device and requested content; a search device that searches the information in the storage portion to provide search results according to search criteria, the search criteria including the capacity information of the requesting device and the requested content, the searching of the at least one predetermined address in the search index being based on the search criteria; and a content server, coupled to the storage portion, that provides search results to the requesting device in response to the request, where the search results vary according to the capacity information of the requesting device and according to the requested content. Claims 24, 25 and 26 depend from independent claim 23.

Nagatomo discloses a data output system in which a server is connected to a database which holds data of plural types of data formats. The server searches the database based on the content of a search request made by a search requester, and outputs the search result after

performing conversion and edition on the search result in accordance with the ability, function and/or capacity of a communication terminal to which the search result is to be output. (See, e.g., Abstract of Nagatomo).

Applicants' presently-claimed invention, in accordance with amendments herein, is directed to content search that is based on criteria of both requested content AND on the capacity information of the requesting device. That is, the searching process itself searches the stored information based on *search criteria of both the requested content and the capacity information of the requested device*. Applicants respectfully submit that such features are distinct from searching (as in Nagatomo, discussed below) that is only based on requested content and in which the search results are THEN converted/edited based on sending of search results to a device in a particular format.

In particular, the Examiner (see page 13 of the Office Action) has identified that: "[N]ot every embodiment of Nagatomo includes the conversion step. *The conversion step is applied only when the search result cannot be output.*" (emphasis added). Further as noted by the Examiner: "upon reception of the terminal ID code and the program number from each communication terminal, the server can know the terminal ID code and program number of the communication terminal *to which the search result should be sent* by referring to the access terminal memory, col. 10, lines 35-40." It appears to be explicitly recognized in the Office Action that Nagatomo searching process is not based on a search criteria that includes the capacity information of the requesting device as well as requested content. Indeed, the very existence of Nagatomo's conversion process at all seems dispositive of this conclusion, since if a

search result needs to be converted/edited to satisfy a particular device format (capacity information), then format (capacity information) was not, in fact, part of the search criteria.

Nagatomo searches for requested content and THEN determines whether the search result obtained thereby needs to be converted/edited in order to be sent to the requesting mobile communication terminal. Even if Nagatomo's system were to determine that a search result does not need to be converted/edited, it seems clear therefrom that Nagatomo's system never performed the initial search based on the capacity information of the requesting communication terminal. It is only *after the search has been performed*, would Nagatomo's system, for example, then determine whether that search result needs to be converted/edited for a particular communication terminal.

As has been previously noted during prosecution, it is explicitly clear from Nagatomo that Nagatomo's system is expected to receive search results which are not compatible with the device and then convert the results in order to allow the device to be able to render the received content. As noted above, this specific operation is summarized in Nagatomo's Abstract:

> a server...searches the database based on the content of a search request made by a search requested, and *outputs the search result after performing conversion and edition on the search result* in accordance with the ability, function and/or capacity of a communication terminal... (emphasis added).

This disclosure of Nagatomo does not disclose Applicant's recited features noted herein and, particularly, does not offer the advantages of Applicant's recited features in connection with efficient searching.

Specifically, in distinct contrast to the Nagatomo, Applicants' recited system does not require conversion/editing (or any analysis processing in connection thereof) of a search result prior to providing the search result to the requesting device. This is because Applicants' system specifically recites that the searching itself has been performed based on both the requested content AND the capacity information of the requesting device. Therefore, the search result is known to be compatible with the requesting device because the capacity information of the requesting device *was part of the search criteria.* Applicants have clarified the claims, on this point, to specifically recite, in some form, features of searching the information in the storage portion to provide search results according to search criteria, the search criteria including the capacity information of the requesting device and the requested content, the searching of the information in the storage portion being based on the search criteria. As has been previously noted by Applicants, such searching, like that recited by Applicants, provides distinct advantages and efficiencies over a system like that of Nagatomo.

Accordingly, it is respectfully submitted that whether or not Nagatomo has to subsequently convert/edit a search result or is able to send the search result to the communication terminal without conversion does not disclose features corresponding to search criteria of the initial search. That is, simply because, as suggested by the Examiner, "not every embodiment of Nagatomo includes the conversion step" does not render Nagatomo as anticipating Applicant's presently-claimed features. Rather, as noted above, the mere fact that Nagatomo provides for a conversion/editing process of searched data is a conclusive indication that Nagatomo does not disclose Applicant's recited features. In particular, nowhere does Nagatomo disclose searching of stored information according to search criteria that includes *the capacity information of the*

requesting device and the requested content in which the searching of the information in the storage portion is based on the search criteria, like that presently recited by Applicants.

The above-noted arguments are discussed principally in connection with independent claims 15 and 23. Applicants submit that the other independent claims, and claims depending therefrom, contain similar features to those discussed above and respectfully submit that the above-noted remarks apply equally to these claims.

Accordingly, Applicants respectfully submit that Nagatomo does not teach or fairly suggest at least the above-noted features as claimed by Applicants. In view of the above, for reasons set forth above, Applicants respectfully request that this rejection be reconsidered and withdrawn.

Based on the above, Applicants respectfully request that the Examiner reconsider and withdraw all outstanding rejections and objections. Favorable consideration and allowance are earnestly solicited. Should there be any questions after reviewing this paper, the Examiner is invited to contact the undersigned at 508-898-8603.

Respectfully submitted,
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